ELSEVIER

Neuroscience Letters 381 (2005) 362–364

Neuroscience Letters

www.elsevier.com/locate/neulet

# Contents to Volume 381

**Volume 381, nos 1–2**

Lack of evidence for association between the serotonin transporter gene (SLC6A4) polymorphisms and autism in the Chinese trios
S. Wu, Y. Guo, M. Jia, Y. Ruan, M. Shuang, J. Liu, X. Gong, Y. Zhang, J. Yang, X. Yang, D. Zhang (China) 1
5-HT2A-mu opioid receptor mechanisms in the hypothalamus mediate interleukin-1β fever in rats
C.-C. Chio, S.-M. Tsai, J.-J. Wang, M.-T. Lin (Taiwan) 6
Morphine modulates glutamate release in the hippocampal CA1 area in mice
M. Guo, N.-J. Xu, Y.-T. Li, J.-Y. Yang, C.-F. Wu, G. Pei (PR China) 12
Intrathecal application of cyproheptadine impairs locomotion in intact rats
H. Majczyn´ski, A. Cabaj, T. Górska (Poland) 16
Ependymal epithelium disruption after vanadium pentoxide inhalation. A mice experimental model
M.R. Avila-Costa, L. Colín-Barenque, A. Zepeda-Rodríguez, S.B. Antuna, L. Saldivar O, G. Espejel-Maya, P. Mussali-Galante, M. del Carmen Avila-Casado, A. Reyes-Olivera, V. Anaya-Martinez, T.I. Fortoul (Mexico) 21
Neural correlates of eye blinking; improved by simultaneous fMRI and EOG measurement
H.W. Yoon, J.-Y. Chung, M.-S. Song, H. Park (South Korea) 26
Contribution of neck proprioception to subjective vertical perception among experts in physical activities and untrained women
E. Golomer, E. Guillou, M. Testa, C. Lecoq, T. Ohlmann (France) 31
Lack of genetic association of cholesteryl ester transfer protein polymorphisms with late onset Alzheimers disease
H. Zhu, R.K. Gopalraj, J.F. Kelly, D.A. Bennett, S. Estus (USA) 36
Protein kinase C contributes to abnormal capsaicin responses in DRG neurons from cats with feline interstitial cystitis
A. Sculptoreanu, W.C. de Groat, C.A. Buffington, L.A. Birder (USA) 42
Alterations in the substance P-induced anti-nociception in the central nervous system of rats after morphine tolerance
X.-G. Dong, L.-C. Yu (PR China) 47
Coordination of hand grip and load forces in uni- and bidirectional static force production tasks
S. Jaric, E.M. Russell, J.J. Collins, R. Marwaha (USA) 51
Expression analysis of psychological stress-associated genes in peripheral blood leukocytes
K. Morita, T. Saito, M. Ohta, T. Ohmori, K. Kawai, S. Teshima-Kondo, K. Rokutan (Japan) 57
Spatio-temporal dynamics of the visual system revealed in binocular rivalry
F. Taya, K. Mogi (Japan) 63
Prognostic significance of apoptosis in medulloblastoma
J. Pizem, A. Cör, L. Zadravec Zaletel, M. Popovic (Slovenia) 69
SUMO-1 marks subdomains within glial cytoplasmic inclusions of multiple system atrophy
D.L. Pountney, F. Chegini, X. Shen, P.C. Blumbergs, W.P. Gai (Australia) 74
Multiple kinase pathways mediate the early sciatic ligation-associated activation of CREB in the rat spinal dorsal horn
T. Miyabe, V. Miletic (USA) 80
Aspirin modulates LPS-induced nitric oxide release in rat glial cells
C. Marchini, M. Angeletti, A.M. Eleuteri, A. Fedeli, E. Fioretti (Italy) 86
Anticipatory covariation of finger forces during self-paced and reaction time force production
H. Olafsdottir, N. Yoshida, V.M. Zatsiorsky, M.L. Latash (USA) 92
Stimulation of the nucleus locus coeruleus/subcoeruleus suppresses visceromotor responses to colorectal distention in the rat
M. Tsuruoka, M. Maeda, T. Inoue (Japan) 97
Behavioral and affective changes in children and adolescents with chronic cerebellar lesions
S. Richter, B. Schoch, O. Kaiser, H. Groetschel, A. Dimitrova, C. Hein-Kropp, M. Maschke, E.R. Gizewski, D. Timmann (Germany) 102
The GABA type A receptor α5 subunit gene is associated with bipolar I disorder
K. Otani, H. Ujike, Y. Tanaka, Y. Morita, T. Katsu, A. Nomura, N. Uchida, T. Hamamura, Y. Fujiwara, S. Kuroda (Japan) 108
Modulation of peripheral inflammation in sensory ganglia by nuclear factor κB decoy oligodeoxynucleotide: involvement of *SRC* kinase pathway
O.J. Igwe (USA) 114
The role of CGRP and nicotinic receptors in centrally evoked facial blood flow changes
S. Just, K. Arndt, H. Doods (Germany) 120
Preliminary analysis of the GABA-induced current in cultured CNS neurons of the cutworm moth, *Spodoptera litura*
H. Satoh, H. Daido, T. Nakamura (Japan) 125

10.1016/S0304-3940(05)00542-2

UCHL1 is associated with Parkinson's disease: A case-unaffected sibling and case-unrelated control study
M. Facheris, K.J. Strain, T.G. Lesnick, M. de Andrade, J.H. Bower, J.E. Ahlskog, J.M. Cunningham, S. Lincoln, M.J. Farrer, W.A. Rocca, D.M. Maraganore (USA) 131
Area postrema-lesions increase operant responding to sucrose in rats
C.C. Miller, P.V. Holmes, J.L. Garrett, G.L. Edwards (USA) 135
Different chloride electrochemical gradients across the plasma membrane in subcellular compartments of rat cerebellum granules
F. Pellistri, S. Casagrande, M. Raimondo, A. Cupello, M. Robello (Italy) 139
Altered brain stem responsivity to duodenal pain after a single stressful experience
R.P.J. de Lange, G.J. Geerse, M. Dahlhaus, T.J. van Laar, V.M. Wiegant, R. Stam (The Netherlands) 144
Involvement of ryanodine receptors in $IP_3$-mediated calcium signalling in neurons. A modelling approach
L. Louvet, T. Collin (France) 149
Estradiol regulates APP mRNA alternative splicing in the mice brain cortex
M.K. Thakur, S.T. Mani (India) 154
Rapid tolerance to focal cerebral ischemia in rats is induced by preconditioning with electroacupuncture: window of protection and the role of adenosine
Q. Wang, L. Xiong, S. Chen, Y. Liu, X. Zhu (China) 158
Chronic ethanol modulates delta and mu-opioid receptor expression in rat CNS: immunohistochemical analysis with quantitiative confocal microscopy
L.C. Saland, C.M. Hastings, A. Abeyta, J.B. Chavez (USA) 163
Minor expression of fascin-1 gene (FSCN1) in NTera2 cells depleted of CREB-binding protein
F. Megiorni, P. Indovina, B. Mora, M.C. Mazzilli (Italy) 169
Lipooligosaccharide of *Campylobacter jejuni* prevents myelin-specific enteral tolerance to autoimmune neuritis—a potential mechanism in Guillain-Barré syndrome?
S. Jung, S. Zimmer, E. Lüneberg, M. Frosch, H. Karch, T. Korn, K.V. Toyka (Germany) 175
A new fast electrophysiological response measured extracellularly in a mouse hippocampal brain slice
B. Neagu, E.R. Neagu, N.L. Strominger, D.O. Carpenter (USA, Romania) 179
Evidence for the involvement of glutamatergic system in the antinociceptive effect of ascorbic acid
K.A. Rosa, V.M. Gadotti, A.O. Rosa, A.L.S. Rodrigues, J.B. Calixto, A.R.S. Santos (Brazil) 185
Role of tissue plasminogen activator/plasmin cascade in delayed neuronal death after transient forebrain ischemia
H. Takahashi, N. Nagai, T. Urano (Japan, Belgium) 189
Activation of spinal extracellular signaling-regulated kinases by intraplantar melittin injection
Y.-Q. Yu, J. Chen (PR China) 194
Noise-induced cell death in the mouse medial geniculate body and primary auditory cortex
D. Basta, B. Tzschentke, A. Ernst (Germany) 199

**Volume 381, no 3**

Botulinum toxin: More than meets the naked eye!
S.A. Azizi (USA) 205

**Plenary**

Gene expression of myogenic regulatory factors following intramuscular injection of botulinum A toxin in juvenile rats
J. Shen, J. Ma, G.A. Elsaidi, C.A. Lee, T.L. Smith, K.H. Tan, L.A. Koman, B.P. Smith (USA) 207
Prenatal morphine exposure affects sympathoadrenal axis activity and serotonin metabolism in adult male rats both under basal conditions and after an ether inhalation stress
C. Laborie, I. Dutriez-Casteloot, V. Montel, A. Dickès-Coopman, J. Lesage, D. Vieau (France) 211
Audiovisual prior entry
M. Zampini, D.I. Shore, C. Spence (UK, Italy, Canada) 217
Kainic acid (KA)-induced $Ca^{2+}$/Calmodulin-dependent protein kinase II (CaMK II) expression in the neurons, astrocytes and microglia of the mouse hippocampal CA3 region, and the phosphorylated CaMK II only in the hippocampal neurons
H.-W. Suh, H.-K. Lee, Y.-J. Seo, M.-S. Kwon, E.-J. Shim, J.-Y. Lee, S.-S. Choi, J.-H. Lee (South Korea) 223
Mirrored EMG activity during unimanual rhythmic movements
A. Ridderikhoff, A. Daffertshofer, C.E. Peper, P.J. Beek (The Netherlands) 228
Neuroglial activation in Niemann–Pick Type C mice is suppressed by intracerebral transplantation of bone marrow-derived mesenchymal stem cells
J.-s. Bae, S. Furuya, S.-j. Ahn, S.-j. Yi, Y. Hirabayashi, H.K. Jin (Korea, Japan) 234
Sex difference in the distribution and size of glomeruli in the ferret's main olfactory bulb
P. Waters, S.K. Woodley, M.J. Baum (USA) 237
Morphological analysis of the relation between immunoglobulin A production in the small intestine and the enteric nervous system
T. Hisajima, Y. Kojima, A. Yamaguchi, R.C. Goris, K. Funakoshi (Japan) 242
Spinocerebellar ataxia type 2 (SCA2) with white matter involvement
J. Armstrong, I. Bonaventura, A. Rojo, G. González, J. Corral, N. Nadal, V. Volpini, I. Ferrer (Spain) 247
Characterization of neural cell types expressing peroxiredoxins in mouse brain
M.-H. Jin, Y.-H. Lee, J.-M. Kim, H.-N. Sun, E.-Y. Moon, M.H. Shong, S.-U. Kim, S.H. Lee, T.-H. Lee, D.-Y. Yu, D.-S. Lee (South Korea) 252

Voltage-sensitive dye imaging of intervibrissal fur-evoked activity in the rat somatosensory cortex
I. Takashima, R. Kajiwara, T. Iijima (Japan) 258
Time-efficient localization of the human secondary somatosensory cortex by functional magnetic resonance imaging
C. Stippich, A. Romanowski, E. Nennig, B. Kress, K. Sartor (Germany) 264
The association between later cortical potentials and later phases of postural reactions evoked by perturbations to upright stance
S. Quant, B.E. Maki, W.E. McIlroy (Canada) 269
Risk of late-onset Alzheimer's Disease associated with BDNF C270T polymorphism
D. Olin, J. MacMurray, D.E. Comings (USA) 275
Evidence for the involvement of the opioid system in the agmatine antidepressant-like effect in the forced swimming test
A.D.E. Zomkowski, A.R.S. Santos, A.L.S. Rodrigues (Brazil) 279
Association study of four activity SNPs of *CYP3A4* with the precocious puberty in Chinese girls
X. Xin, X. Luan, J. Xiao, D. Wei, J. Wang, D. Lu, S. Yang (PR China) 284
Comparative proteomic analysis of the rat spinal cord in inflammatory and neuropathic pain models
S. Kunz, I. Tegeder, O. Coste, C. Marian, A. Pfenninger, C. Corvey, M. Karas, G. Geisslinger, E. Niederberger (Germany) 289
Skin and platelet a-synuclein as peripheral biomarkers of Parkinson's disease
A.W. Michell, L.M. Luheshi, R.A. Barker (UK) 294
Differential inhibition of rat α3* and α7 nicotinic acetylcholine receptors by tetrandrine and closely related bis-benzylisoquinoline derivatives
C. Virginio, F. Graziani, G.C. Terstappen (Italy) 299
Intrathecal administration of a novel apoE-derived therapeutic peptide improves outcome following perinatal hypoxic–ischemic injury
J.D. McAdoo, D.S. Warner, R.N. Goldberg, M.P. Vitek, R. Pearlstein, D.T. Laskowitz (USA) 305
Intelligence related differences in EEG-bandpower
M. Doppelmayr, W. Klimesch, P. Sauseng, K. Hödlmoser, W. Stadler and S. Hanslmayr (Austria) 309
Comparison of the effects of nicotine and epibatidine given in combination with nomifensine on rotational behaviour in rats
S. Janhunen, R.K. Tuominen, L. Ahtee (Finland) 314
Inhibitory effect of gaseous neuromodulators in vasopressin and oxytocin release induced by endotoxin in rats
A. Giusti-Paiva, L.L.K. Elias, J. Antunes-Rodrigues (Brazil) 320
Evidence of roles of central $\alpha_1$-adrenoceptors and epinephrine in orexin A-induced hyperactivity in mice
E.A. Stone, Y. Lin, M.R. Ahsan, D. Quartermain (USA) 325
Visceral nociceptive input to the area of the medullary lateral reticular nucleus ascends in the lateral spinal cord
M.T. Robbins, T.W. Uzzell, S. Aly, T.J. Ness (USA) 329
Effects of endocannabinoids on discharge of baroreceptive NTS neurons
J.L. Seagard, F.A. Hopp, C.J. Hillard, C. Dean (USA) 334
A study of the association of (Val66Met) polymorphism in the *Brain-derived Neurotrophic Factor* gene with alcohol dependence and extreme violence in Chinese males
S.-J. Tsai, D.-L. Liao, Y.W.-Y. Yu, T.-J. Chen, H.-C. Wu, C.-H. Lin, C.-Y. Cheng and C.-J. Hong (Taiwan) 340
Preconditioning-specific reduction of *c-fos* expression in hippocampal granule and pyramidal but not other forebrain neurons of ischemic brain: a quantitative immunohistochemical study
G. Nyitrai, L. Puskás, K. Antal, V. Takács, M. Sass, G. Juhász, J. Kardos, M. Palkovits (Hungary) 344
Nicotinic ACh receptors in area postrema neurons of immature rat brain
M. Sorimachi, M. Wakamori (Japan) 350
The differential JunB responses to inhibition of succinate dehydrogenase in rat hippocampus and liver
B.D. Przybyla-Zawislak, C.S. Kim, S.F. Ali, W. Slikker Jr., Z.K. Binienda (USA) 354

Author Index 358
Volume of Contents 362